

### **AMENDMENTS TO THE SPECIFICATION**

*Please replace the paragraph covering about page 14, lines 15-17, which is a description of Figure 1, with the following amended paragraph:*

-- Figures 1A and 1B illustrate[[s]] the steps employed in modifying a wild-type gene to increase expression efficiency in plants. --

*Please replace the paragraphs spanning about page 14, lines 18-28 (as amended by way of the Amendment and Election in Response to Restriction Requirement dated October 18, 2006), which are descriptions of Figures 2-4, with the following amended paragraphs:*

-- Figures 2A-2C illustrate[[s]] a comparison of the changes in the modified *B.t.k.* HD-1 sequence of Example 1 (lower line (SEQ ID NO:1)) versus the wild-type sequence of *B.t.k.* HD-1 (Cry1Ab) which encodes the crystal protein toxin (upper line (SEQ ID NO:2)).

Figures 3A-3C illustrate[[s]] a comparison of the changes in the synthetic *B.t.k.* HD-1 sequence of Example 2 (lower line (SEQ ID NO:3)) versus the wild-type sequence of *B.t.k.* HD-1 (Cry1Ab) which encodes the crystal protein toxin (upper line (SEQ ID NO:4)).

Figures 4A-4C illustrate[[s]] a comparison of the changes in the synthetic *B.t.k.* HD-73 (Cry1Ac/Cry1Ab hybrid) sequence of Example 3 (lower line (SEQ ID NO:5)) versus the wild-type sequence of *B.t.k.* HD-73 (upper line (SEQ ID NO:6)).--

*Please replace the paragraphs spanning about page 15, line 7, through page 16, line 8 (as amended by way of the Amendment and Election in Response to Restriction Requirement dated October 18, 2006), which are descriptions of Figures 8-14, with the following amended paragraphs:*

-- Figures 8A-8C illustrate[[s]] a comparison of the changes in the synthetic truncated *B.t.k.* HD-73 gene (Amino acids 29-615 with an N-terminal Met-Ala) of Example 3 (lower line (SEQ ID NO:7)) versus the wild-type sequence of *B.t.k.* HD-73 (upper line (SEQ ID NO:8)).

Figures 9A-9E illustrate[[s]] a comparison of the changes in the synthetic/wild-type full length *B.t.k.* HD-73 sequence of Example 3 (lower line (SEQ ID NO:9)) versus the wild-type full-length sequence of *B.t.k.* HD-73 (upper line (SEQ ID NO:10)).

Figures 10A-10E illustrate[[s]] a comparison of the changes in the synthetic/modified full length *B.t.k.* HD-73 sequence of Example 3 (lower line (SEQ ID NO:11)) versus the wild-type full-length sequence of *B.t.k.* HD-73 (upper line (SEQ ID NO:10)).

Figures 11A-11E illustrate[[s]] a comparison of the changes in the fully synthetic full-length *B.t.k.* HD-73 sequence of Example 3 (lower line (SEQ ID NO:12)) versus the wild-type full-length sequence of *B.t.k.* HD-73 (upper line (SEQ ID NO:10)).

Figures 12A-12C illustrate[[s]] a comparison of the changes in the synthetic *B.t.t.* sequence of Example 5 (lower line (SEQ ID NO:14)) versus the wild-type sequence of *B.t.t.* which encodes the crystal protein toxin (Cry3Aa) (upper line (SEQ ID NO:15)).

Figures 13A-13C illustrate[[s]] a comparison of the changes in the synthetic *B.t.* P2 sequence of Example 6 (lower line (SEQ ID NO:16)) versus the wild-type sequence of *B.t.k.* HD-1 which encodes the P2 protein toxin (Cry2Aa) (upper line (SEQ ID NO:17)).

Figures 14A-14C illustrate[[s]] a comparison of the changes in the synthetic *B.t. entomocidus* sequence of Example 7 (lower line (SEQ ID NO:18)) versus the wild-type sequence of *B.t. entomocidus* which encodes the Btent protein toxin (Cry1Ca) (upper line (SEQ ID NO:19)). --

*Please replace the paragraph beginning at about page 16, line 11 (as amended by way of the Amendment and Election in Response to Restriction Requirement dated October 18, 2006), which is a description of Figure 16, with the following amended paragraph:*

-- Figures 16A-16B illustrate[[s]] a comparison of the changes in the synthetic potato leaf roll virus (PLRV) coat protein sequence of Example 9 (lower line (SEQ ID NO:20)) versus the wild-type coat protein sequence of PLRV (upper line (SEQ ID NO:21)). --